

DryFoam™

# Passive fire protection

Storing flammable liquids, particularly those with high vapor pressure, poses difficult challenges with respect to fire protection and vapor loss. DryFoam™ prevents full surface fires without the use of water. This is valuable wherever water is scarce and particularly in extreme cold or hot environments. DryFoam™ works continuously and is virtually maintenance free.

Trelleborg's UL listed DryFoam™ is the world's first passive non-water based product listed for full surface fire protection. The DryFoam™ beads can be applied directly on top of the flammable liquid where they float and continuously suppress vapors and thereby prevent a full surface fire. Alternatively DryFoam™ can be applied on top of an internal floating roof where the beads remain and provide full surface fire protection.

DryFoam™ can be used on most hydrocarbons including cryogenic LNG and LPG to mitigate vapor cloud scenarios using simple and passive methods.

\*\*\*\*DryFoam™ has US and international patents.

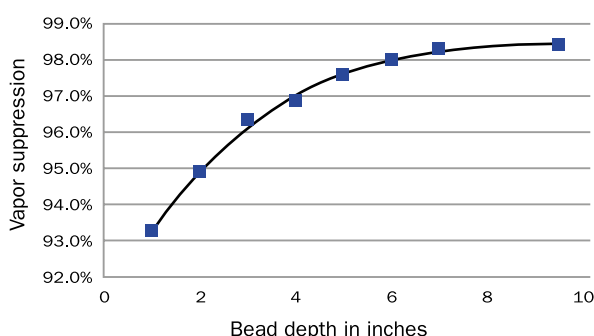


DryFoam™ in-situ



DryFoam™ post event

**DryFoam™ depth versus vapor suppression performance**



## Benefits:

- Reduces vapor evaporation by 98%
- Reduces product loss
- Significantly mitigates vapor cloud scenarios
- Conforms to irregular shapes
- Reduced environmental impact
- Avoids water storage
- Easy to apply
- Not impacted by seismic activity

**Applications:**

- Sunken roofs
- On top of hydrocarbon liquids
- Storage tanks or barges
- Sumps
- Horizontal vessels
- Irregular shaped containers
- Rim seal or column void fill
- Floating roofs or seals

**No Vapour Ignition**

DryFoam™ also provides protection against full-surface fires in fixed flammable and combustible liquid tanks and repositories.

**Contact Us**

Trelleborg's Applied Technologies division is an industry expert in delivering innovative and reliable solutions that maximize performance for our customers. Our vast range of specialized, customizable materials ensure peace of mind at every stage of your project. With reliable and efficient project management and manufacturing we endeavor to take performance to new levels by achieving your goals safely, on time and within scope.

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